**Familiarity Review**

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**Week:** 8

**Coding Topic:** **System Tests**

**Description of Understanding:** When we talk about system testing, we are referring to how a test is conducted and then cooperated with the software. This is a requirement that needs to be performed to make sure that each product delivered meet the standard requirements. When working on a project and at the final stage, everything is not guaranteed to work perfectly and that’s why we need to work on:

**User Test:** Focus on the user experience.

**Load Test:** This helps to learn the change in the program due to some specific load.

**Function Test:** Just as the name implies, it is done to make sure that it performs as it designed to.

**Compatibility Test:** Based on any platform the program runs, it should be able to adjust and adapt to any environments.

In all the System test or in full form A System Level Tests are designed to test each stage of the program and then provide a check as if the code it free of error, needs more adjustments or incompatible. Either way, developers can use this means to cross check their codes and feed a feedback before finally rolling it out. So, I have it as part of my goals to makes sure I test out my codes and preform every system level test to make sure it meets the requirements needed.

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| **File** | **Git Link** |
| **System Level Tests** | [https://github.com/nkenta/cit360/tree/master/System%20Level%20Test](https://github.com/nkenta/cit360/tree/master/System Level Test) |
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| **What should I be looking for?** | **Sandbox or Your code?** |
| In this program I run a series of test on every stage while making a calculation of the radius of a circle. All task from the point it prompts user to enter their desired number to the end of the task was a success and got all Pass. | Mine |